Index of Claims

| of | Clai | ms |
|----|------|----|
|    |      |    |

| Application/Control | No. |
|---------------------|-----|
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10/800,008

Examiner

BENJAMIN J. GILLESPIE

Applicant(s)/Patent under Reexamination

HAYASHI ET AL.

Art Unit

1796

| √ | Rejected |
|---|----------|
| = | Allowed  |

|   | - | (Through numeral)<br>Cancelled |
|---|---|--------------------------------|
| : | + | Restricted                     |

| *************************************** | N | Non-Elected  |
|---|---|--------------|
|   | - | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

|              |          |          |          |              |  | Claim  |                |  |  |           |            |          |            |          | _        | Claim Date |          |          |          |         |          |  |            |          |          |          |  |                |  |                           |             |
|--------------|----------|----------|----------|--------------|--|--|----------------|--|--|-----------|------------|----------|------------|----------|----------|------------|----------|----------|----------|---------|----------|--|------------|----------|----------|----------|--|----------------|--|---------------------------|-------------|
| Cla          | aim      | <u> </u> |          | _            |  | Dat  | e              | -  | ,  | $\dashv$  | Claim Date |          |            |          |          |            |          |          | 4        | CI      | aim      | Date   |            |          |          |          |  |                |  |                           |             |
| Final        | Original | 1/29/08  |          |              |  |  |                |  |  |           | Final      | Original |            |          |          |            |          | ,        |          |         |          | Final  | Original   |          |          |          |  |                |  |                           | i           |
|              | 1        | -        |          |              |  |  | Γ              |  |  |           |            | 51       |            |          |          |            |          |          |          |         |          |  | 101        |          | $\neg$   | T        | Τ                                      | Τ              |  |                           |             |
|              | 2        | -        |          |              |  |  |                |  |  |           |            | 52       |            |          |          |            |          |          |          |         |          |  | 102        |          |          |          |  |                |  |                           |             |
| <u></u>      | 3        | -        |          | L            | <u> </u>   | <u> </u>   |                | L  | _  | Ш         |            | 53       | _          | L        |          |            |          | _        | _        | L       |          |  | 103        | Ш        |          |          | L                                      |                | Ĺ  | L                         | 辶           |
|              | 4        | 1        | <u> </u> | L            | L  | <u> </u>   | _              | _  | _  | Ш         | <u> </u>   | 54       | <u> </u>   |          |          |            |          | _        |          |         |          |  | 104        |          |          | 1_       | 丄                                      | L              | _  | <u>_</u>                  | L           |
|              | 5        | 1        | ┞        | <u> </u>     |  | ┡  | ▙              | <u> </u>   | <u> </u>   | Ш         | ļ          | 55       | <u> </u>   | Ŀ        |          |            |          | _        | _        | _       | 4        |  | 105        | $\sqcup$ |          | ╄        | _                                      | <u> </u>       | _  | _                         | <u> </u>    |
| <u> </u>     | 6        | 1        | <u> </u> |              |  | <u> </u>   | _              | <u> </u>   | <u> </u>   | $\square$ | <u> </u>   | 56       | <u> </u>   | _        | $\Box$   | _          | Ц        | 4        | _        |         | 4        |  | 106        | $\sqcup$ |          | _        | ↓_                                     | ╄              | <u>                                     </u> | _                         | _           |
| <u> </u>     | 7        | 1        | ⊢        | <u> </u>     | ₩  | ├_   | ₩              | $\vdash$   | ⊢  | Н         | -          | 57       | ⊢          | <u> </u> | -        |            |          |          | -        |         | -        |  | 107        | $\vdash$ | - -      | +-       | ┼                                      | ⊢              | L  | <u> </u>                  | ⊢           |
|              | 8<br>9   | 1        |          | ├            |  | <del> </del>                                     | ╁              | ⊢  | ⊢  | Н         | -          | 58<br>59 | ┝          | <u> </u> | $\dashv$ | $\dashv$   | -        | $\dashv$ | +        |         | $\dashv$ |  | 108<br>109 |          |          | ╁        | ╀                                      | ┾              | ⊢  | ⊢                         | ├-          |
|              | 10       | 1        | ├        | ├—           | ┼  |  | -              | $\vdash$   | ⊢  | Н         | -          | 60       | ⊢          | -        | Н        | $\dashv$   | $\dashv$ | $\dashv$ | $\dashv$ | -       | $\dashv$ | ļ  | 110        | -        |          | +-       | ╁                                      | ┢              | $\vdash$                                     |                           |             |
|              | 11       | 1        | H        | ┢            | ┢  |  | ╁              | ⊢  | ╁╾   | -         |            | 61       | ┢╌         |          | -        |            | $\dashv$ | $\dashv$ | $\dashv$ | +       | -        | $\vdash$   | 111        | $\vdash$ | +        | ╁        |  | ╁              | H  | $\vdash$                  | ┢           |
|              | 12       | Ì        | $\vdash$ | ┢            | $\vdash$   | <del>                                     </del> | $\vdash$       | <del>                                     </del> | ╁  | Н         |            | 62       | $\vdash$   |          | $\vdash$ | $\dashv$   | $\dashv$ | $\dashv$ | $\dashv$ | +       | ┪        |  | 112        |          | $\dashv$ | ╁        | 1                                      | H              | $\vdash$                                     | ┢                         | ┢           |
|              | 13       | Ė        | F        | $\vdash$     | $\vdash$   |  | $\vdash$       | <del> </del> -                                   | <del> </del>                                     |           |            | 63       | T          | ·        |          |            |          | $\dashv$ | $\dashv$ | +       | 1        |  | 113        | $\vdash$ | _        | +        | 1-                                     | 十              | т  | _                         | $\vdash$    |
|              | 14       | 1        | t        |              |  | 1  | $\vdash$       | †  | ✝  |           |            | 64       | $\vdash$   |          |          |            |          | 一        | 寸        | _       | 7        |  | 114        |          | _        | T        | <u> </u>                               | 1              |  | _                         |             |
|              | 15       | 1        | _        |              |  | 1  | T              |  | T  | П         |            | 65       | $\vdash$   |          |          |            |          | ヿ        | 寸        | $\top$  | 7        |  | 115        |          |          | T        | 1                                      | 1              |  |                           |             |
|              | 16       | 1        |          |              |  |  |                | Г  | Г  |           |            | 66       |            |          |          |            |          |          |          |         | 7        |  | 116        |          |          | Τ        |  | Π              |  |                           |             |
|              | 17       | 7        |          |              |  | Ĺ  |                |  |  |           |            | 67       |            |          |          |            |          |          |          |         |          |  | 117        |          |          |          |  |                |  |                           |             |
|              | 18       | 7        |          |              |  |  |                |  |  |           |            | 68       |            |          |          |            |          |          |          |         |          |  | 118        |          |          |          |  |                |  |                           |             |
|              | 19       | 7        |          |              |  |  |                |  |  |           |            | 69       |            |          |          |            |          |          |          |         |          |  | 119        |          |          |          |  |                |  |                           |             |
|              | 20       | 1        | _        |              | _  | _  | _              | _  |  | Щ         |            | 70       |            | <u> </u> |          | _          | _        | _        | _        | _       | _        |  | 120        |          |          | ┖        | <u> </u>                               | _              | $oxed{oxed}$                                 | <u> </u>                  | <u> </u>    |
|              | 21       | _        | _        |              | ╙  | _  | ╙              | L  | _  | Ш         |            | 71       | lacksquare |          |          |            | _        | _        | _        | _       | 4        | <u></u>  | 121        | $\sqcup$ |          | 1        | ــــــــــــــــــــــــــــــــــــــ | _              |  | <u> </u>                  | <u> </u>    |
|              | 22       | _        | <u> </u> |              | ┡  | _  | ├-             | <u> </u>   |  | _         |            | 72       | ļ          |          |          | _          | _        | _        | _        | _       | 4        | <u> </u>   | 122        | $\sqcup$ | _        |          | ↓                                      | _              | Ш  | ┡                         |             |
|              | 23<br>24 | <u> </u> |          | -            | ╀  | ┝  | ┢              | ⊢  | ļ  | Н         |            | 73<br>74 | <u> </u>   | -        | $\vdash$ | -          | $\dashv$ | -        | +        | +       | ┥        | <u> </u>   | 123        | $\vdash$ | +        | -        | $\vdash$                               | ├              | Н  | <u> </u>                  | -           |
|              | 25       | -        | -        |              | ┢  |  | -              |  |  | $\vdash$  |            | 75       | -          |          |          | $\dashv$   | $\dashv$ | -        | $\dashv$ |         | -        | <u> </u>   | 124<br>125 |          |          | +-       | ╁                                      | <del> </del> — | H  | <u> </u>                  | ├—          |
|              | 26       |          |          |              | ┝╌   |  |                | ├─   | -  | -         |            | 76       | ┢          |          |          | $\dashv$   | $\dashv$ | $\dashv$ | $\dashv$ | -       | $\dashv$ | $\vdash$   | 126        | +        | +        | +        | +                                      | -              | -  | -                         | -           |
|              | 27       |          | _        | _            | $\vdash$   | ┢  | -              | -  | <del>                                     </del> |           |            | 77       | _          | -        | $\dashv$ | $\dashv$   | ᅱ        | $\dashv$ | $\dashv$ | +       | ┥        | <u> </u>   | 127        | -        | +        | ╁        | ╁                                      | ╁              | -  | $\vdash$                  | ┢           |
|              | 28       | _        |          | $\vdash$     | H  |  | H              |  |  | Н         |            | 78       | Н          | -        | -        | $\dashv$   | $\dashv$ | $\dashv$ | $\dashv$ | +       | ┪        |  | 128        | -        | _        | ╁        | $\vdash$                               | t              | Н  | $\vdash$                  | $\vdash$    |
|              | 29       |          | $\vdash$ | $\vdash$     | Г  | $\vdash$   | <u> </u>       | _  | $\vdash$   | Н         |            | 79       | -          |          |          |            | 一        | 1        | 1        | +       | ┪        |  | 129        |          |          | †        | l                                      | <del> </del>   | М  |                           |             |
|              | 30       |          | <u> </u> | $\vdash$     |  | Г  | T              |  |  |           |            | 80       |            | -        |          |            | ヿ        |          | $\top$   |         | 7        |  | 130        |          |          | T        | Т                                      |                | П  |                           |             |
|              | 31       |          |          |              |  |  |                |  |  |           |            | 81       |            |          |          |            |          |          | $\neg$   |         |          |  | 131        |          |          | $\top$   |  |                | П  |                           | Г           |
|              | 32       |          |          |              |  |  |                |  |  |           |            | 82       |            |          |          |            |          |          |          |         |          |  | 132        |          |          |          |  |                |  |                           |             |
|              | 33       |          |          |              |  |  |                |  |  | Ш         |            | 83       |            |          |          |            |          |          |          |         |          |  | 133        |          |          |          |  |                |  |                           |             |
| <u> </u>     | 34       | _        | <u> </u> |              | L.   | ļ  | ↓_             |  | <b> </b> _                                       | Ш         |            | 84       | _          | Щ        | $\Box$   | _          | _        | _        | _        | 4       | 4        | <u> </u>   | 134        | $\sqcup$ | $\perp$  | $\perp$  | _                                      | <del> </del>   | Ш  | $ldsymbol{ldsymbol{eta}}$ |             |
| <u> </u>     | 35       | _        | <u> </u> | <u> </u>     | <u> </u>   |  | <del>  -</del> | _  | <del> </del> —                                   | Щ         |            | 85       | <u> </u>   |          |          | _          | _        |          | -        | 4       | _        | ļ  | 135        | $\sqcup$ | +        | $\perp$  | 1                                      | <del> </del>   | Ш  | ш                         |             |
| <b> </b>     | 36       |          | -        | <u> </u>     | <b>—</b>   |  | -              |  | <del> </del> —                                   | Н         | <u> </u>   | 86       | <u> </u>   | $\vdash$ | $\dashv$ |            |          | _        | $\dashv$ | -       | $\dashv$ |  | 136        | -        | +        | +        | -                                      | -              | $\vdash\vdash$                               | $\vdash$                  | -           |
|              | 37<br>38 |          | $\vdash$ | <del> </del> | ├  | -  |                | -  |  | Н         | -          | 87       | H          | _        | $\dashv$ | -          | $\dashv$ |          |          | +       | $\dashv$ | <u> </u>   | 137        |          | +-       | +-       | ┼—                                     | ├              | $\vdash$                                     | -                         | <del></del> |
| <del> </del> | 39       | _        | $\vdash$ | -            | <del> </del>                                     | $\vdash$   | ⊢              | $\vdash$   | ⊢  | Н         | -          | 88<br>89 | $\vdash$   | <u> </u> |          |            | $\dashv$ | $\dashv$ | $\dashv$ | - -     | -        |  | 138<br>139 | $\dashv$ | +        | +        | -                                      | -              | $\vdash$                                     |                           | -           |
|              |          |          | -        | $\vdash$     | -  | $\vdash$   | ├              | $\vdash$   | -  | $\dashv$  |            |          | -          |          | $\dashv$ | $\dashv$   | $\dashv$ | $\dashv$ | $\dashv$ | +       | ┥        |  |            | -        | +        | ╁        | $\vdash$                               | $\vdash$       | Н  | $\vdash$                  | H           |
|              | 40       | -        | $\vdash$ | -            | <del> </del>                                     | $\vdash$   | $\vdash$       | $\vdash$   | $\vdash$   | $\dashv$  |            | 90       |            | $\vdash$ |          | -          | $\dashv$ |          | $\dashv$ | +       | $\dashv$ | <del>                                     </del> | 140<br>141 | +        | +        | +        | +                                      | $\vdash$       | $\vdash$                                     | $\vdash$                  | -           |
|              | 42       | _        | $\vdash$ |              | <del>                                     </del> | $\vdash$   | $\vdash$       |  | $\vdash$   | $\dashv$  |            | 92       |            | —        |          | ᅴ          | $\dashv$ | $\dashv$ | 十        | +       | $\dashv$ |  | 142        | +        | +        | ╁        | +-                                     | $\vdash$       | $\vdash$                                     | -                         |             |
| <u> </u>     | 43       |          |          | _            | _  | <del>                                     </del> | 1              | $\vdash$   | $\vdash$   | Н         |            | 93       | $\vdash$   | -        | $\dashv$ | $\dashv$   | $\dashv$ | $\dashv$ | +        | +       | 1        |  | 143        | $\dashv$ | +        | +        | <u> </u>                               | $\vdash$       | $\vdash$                                     | $\Box$                    | $\Box$      |
|              | 44       | _        | Г        | _            | T-   | $\vdash$   | $\vdash$       |  | $\vdash$   | П         |            | 94       |            |          | $\neg$   | _          | $\neg$   | 寸        | _        | +       | 1        |  | 144        | $\dashv$ | $\top$   | †        | 1-                                     | $\vdash$       |  |                           | _           |
|              | 45       |          |          |              |  |  | 1              |  |  |           |            | 95       |            |          | $\neg$   |            |          |          | $\neg$   | $\top$  | 7        |  | 145        | $\neg$   | T        | 1        | Ì                                      | 1              | П  |                           | Γ           |
|              | 46       |          |          |              |  |  |                |  |  |           |            | 96       |            |          |          |            |          | 一        |          | 丁       |          |  | 146        |          |          | T        |  |                |  |                           |             |
|              | 47       |          |          |              |  |  |                |  |  |           |            | 97       |            |          |          |            |          |          |          |         |          |  | 147        |          |          | $\Gamma$ |  |                |  |                           |             |
|              | 48       |          |          |              |  |  |                |  | $\Box$   |           |            | 98       |            |          |          |            |          |          | $\Box$   |         |          |  | 148        |          |          |          |  |                |  |                           |             |
|              | 49       |          | Щ        |              |  | L  |                |  |  | Ш         |            | 99       |            |          | $\Box$   | $\Box$     |          | $\Box$   | $\bot$   | $\perp$ | _        |  | 149        | $\Box$   | $\bot$   |          | 匚                                      | $oxed{\Box}$   |  |                           | _           |
|              | 50       |          | L        |              |  | <u> </u>   | L              | L  | L  | Ш         |            | 100      |            | Ш        |          |            |          |          |          |         |          | لــــا   | 150        | $\perp$  |          | <u></u>  |  | L              | Ш  |                           |             |